

AMENDMENTS TO THE CLAIMS

1. (Original) A lead for pet comprising:
 - a portable electric power generator including an enclosure incorporating an electric power generator, a cable installed for being wound out from and into the enclosure, the integrated electric power generator for generating electricity inside the enclosure using a force applied to the cable, and a power supply cable for supplying the generated electricity;
 - a lead connected with one end of said cable of said portable electric power generator at one end, and used for holding said power supply cable inside or outside in parallel;
 - a joint installed on the other end of said lead, and used for detachably attaching the lead to a collar; and
 - a power supply line connector attached to an end of said power supply cable close to said joint.
2. (Original) A collar for pet comprising:
 - a jack for power supply cable disposed on the outside surface of said collar;
 - a power supply line disposed in the lengthwise direction of said collar starting from said jack for power supply;
 - an electric connector disposed on an end of said power supply line; and
 - a joint for detachably attaching a lead.
3. (Original) An electronic device attached to pet comprising:
 - detecting means for detecting the existence of another collar attached to a neck of the same pet;
 - memorizing means for memorizing a program invoked on detecting the absence of said another collar by said detecting means;
 - a power supply unit; and
 - a joint for being attached to a collar of a pet.
4. (Currently amended) A collar for pet including An electronic device according to claim 3, wherein said electronic device is attached to pet according to claim 3 installed on the an outside surface of the collar.

5. Currently amended) A collar for pet according to claim 2, constituted by connecting said electric connector of said collar for pet according to claim 2 with said further comprising a power supply unit [[of]] disposed on the outside of said collar for pet according to claim 4.
6. (Original) An electronic device attached to pet disposed on a collar of a pet, and used for wirelessly reporting the status of the pet, the device comprising:
 - a battery for supplying individual units with electric power;
 - a GPS unit for detecting the current location;
 - an antenna unit for wireless transmission/reception; and
 - a wireless data communication unit for using said antenna unit to wirelessly transmit/receive data,
wherein said wireless data communication unit is used to transmit a message including information on remaining energy amount of said battery, and said current location to the outside.
7. (Original) An electronic device attached to pet disposed on a collar of a pet, and used for wirelessly reporting the status of the pet, the device comprising:
 - a rechargeable battery for supplying individual units with electric power;
 - a jack for accepting plug for supplying electricity for charging;
 - an interface circuit for charging capable of detecting the existence of said plug inside said jack; and
memorizing means for memorizing a program invoked on detecting the absence of said plug inside said jack by said interface circuit for charging.
8. (Original) An electronic device attached to pet disposed on a collar of a pet, and used for wirelessly reporting the status of the pet, the device comprising:
 - a battery for supplying individual units with electric power;
 - a GPS unit for detecting the current location;
 - an antenna unit for wireless transmission/reception;
 - a wireless data communication unit for using said antenna unit to wirelessly transmit/receive data; and

collar pullout detecting means for detecting pullout of a collar from a neck of a pet,

wherein said wireless data communication unit is used to wirelessly transmit a message including identification information of said pet, and information indicating that the pet has gotten lost to a predetermined destination when said detecting means detects the collar pullout.

9. (Original) An electronic device attached to pet disposed on a collar of a pet, and used for wirelessly reporting the status of the pet, the device comprising:

a rechargeable battery for supplying individual units with electric power;
a charging interface circuit for charging said rechargeable battery, and simultaneously detecting the charge status;
a GPS unit for detecting the current location;
an antenna unit for wireless transmission/reception;
a wireless data communication unit for using said antenna unit to wirelessly transmit/receive data; and

detecting means for detecting the occurrence of a stray status where said GPS unit detects a location away from a registered location by a predetermined distance, and simultaneously said charging interface circuit has not detected the charge of said rechargeable battery for more than a predetermined period,

wherein said wireless data communication unit is used to wirelessly transmit a message including identification information of a pet, and information indicating that the pet has gotten lost to a predetermined destination when said detecting means detects an occurrence of said stray status.

10. (Original) An electronic device attached to pet disposed on a collar of a pet, and used for wirelessly reporting the status of the pet, the device comprising:

a rechargeable battery for supplying individual units with electric power;
a charging interface circuit for charging said rechargeable battery, and simultaneously detecting the charge status;
a GPS unit for detecting the current location;
an antenna unit for wireless transmission/reception;
a wireless data communication unit for using said antenna unit to wirelessly transmit/receive data; and

detecting means for detecting an occurrence of a stray status of a pet wearing said collar,

wherein said wireless data communication unit is used to wirelessly transmit a message including identification information of a pet, and information indicating that the pet has gotten lost to a predetermined destination when said detecting means detects an occurrence of said stray status.

11. (Original) An electronic device attached to pet disposed on a collar of a pet, and used for wirelessly reporting the status of the pet, the device comprising:

a rechargeable battery for supplying individual units with electric power;

a charging interface circuit for charging said rechargeable battery, and simultaneously detecting the charge status;

a GPS unit for detecting the current location;

an antenna unit for wireless transmission/reception;

a wireless data communication unit for using said antenna unit to wirelessly transmit/receive data; and

detecting means for detecting the occurrence of a stray status of a pet wearing said collar,

wherein said wireless data communication unit is used to wirelessly transmit a message including identification information of the pet, information indicating that the pet has gotten lost, and the current location of the pet detected by said GPS unit to a predetermined destination when said detecting means detects an occurrence of said stray status.

12. (Original) A pet search center comprising:

report receiving means for receiving a report including identification information of a pet, and reporting that the pet has got lost;

reading out means for reading out a registered image and characteristic of the pet from a database based on said identification information on said stray pet obtained from said report receiving means; and

search requesting means for transmitting said information read out by said reading out means along with information requesting search for said pet to a predetermined destination.

RESPONSE TO RESTRICTION REQUIREMENT

In response to the Restriction requirement issued on 02/23/2005, Applicant hereby provisionally elects the invention of Group III on which claims 3-4 are readable, for examination.

This requirement is not traversed.